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Figure 6. The effect of the number of iterations (n) on the accuracy of the proposed algorithm. The figure shows two plots side-by-side. The left plot shows the error rate (Y-axis, ranging from 0.00 to 0.08) versus the number of iterations (n , X-axis, ranging from 10 to 100). The right plot shows the error rate (Y-axis, ranging from 0.00 to 0.08) versus the number of iterations (n , X-axis, ranging from 10 to 100). Both plots show that the error rate decreases as the number of iterations increases, and the proposed algorithm (Proposed) consistently achieves a lower error rate than the other algorithms (Lasso, Ridge, and Elastic Net).

10 and wherein said box designating means displays a
mail box list including a box number and a box name and
designates on the basis of the device information
obtained by said obtaining means.

15 5. An apparatus according to claim 2, further comprising manual setting means for setting whether a mail box can be used or not on the user interface of a printer driver,

and wherein said display control means displays
20 and controls whether the user interface to set the mail
box mode can be used or not on the basis of the setting
by said manual setting means about whether the mail box
can be used or not.

25 6. An apparatus according to claim 2, wherein when
the output mode is switched by said setting means, said
display control means displays a message indicating

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Figure 1 illustrates the steps of the proposed algorithm for finding the minimum spanning tree of a graph. The graph has 10 nodes and 15 edges. The steps are as follows:

- Initial graph with 10 nodes and 15 edges.
- Selection of edge (1,2) with weight 1.
- Selection of edge (2,3) with weight 1.
- Selection of edge (3,4) with weight 1.
- Selection of edge (4,5) with weight 1.
- Selection of edge (5,6) with weight 1.
- Selection of edge (6,7) with weight 1.
- Selection of edge (7,8) with weight 1.
- Selection of edge (8,9) with weight 1.
- Selection of edge (9,10) with weight 1.
- Selection of edge (1,3) with weight 2.
- Final minimum spanning tree with 9 edges and total weight 9.

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a display control step of, in the case where a

mail-box-function of said printing apparatus cannot be used, displaying so as to make it possible to identify that a user interface to set the mail box mode in said setting step cannot be used.

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10. A method according to claim 9, further comprising an obtaining step of obtaining device information from said printing apparatus,

and wherein in said display control step, whether the user interface to set the mail box mode can be used or not is displayed and controlled on the basis of said obtained device information.

11. A method according to claim 10, further comprising a box designating step of designating to which one of a plurality of mail box areas in said printing apparatus said print data is outputted when a mail box output is performed,

and wherein in said box designating step, a mail box list including a box number and a box name is displayed and the designation is performed on the basis of the device information obtained in said obtaining step.

12. A method according to claim 9, further comprising a manual setting step of setting whether a mail box can be used or not on the user interface of a

printer driver,

and wherein in said display control step, whether the user interface to set the mail box mode can be used or not is displayed and controlled on the basis of the setting in said manual setting step about whether the mail box can be used or not.

13. A method according to claim 9, wherein when the output mode is switched in said setting step, a message indicating that there is a change of the destination is displayed in said display control step.

14. A method according to claim 8, further comprising a name designating step of designating a name of the print data to be transmitted to said printing apparatus when the mail box mode is selected in said setting step,

and wherein said name is a name to be displayed on an operation panel of said printing apparatus.

15. A computer-readable memory medium which stores a printer driver program for forming print data which can be interpreted by a printing apparatus in accordance with document data formed by an application, wherein said program comprises:

a code for setting either a mail box mode to accumulate the print data into said printing apparatus

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18. A medium according to claim 17, wherein said printer driver program further comprises a box

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10 19. A medium according to claim 16, wherein said
printer driver program further comprises a manual
setting code for setting whether a mail box can be used
or not on its own user interface,

20 20. A medium according to claim 16, wherein when the output mode is switched by said setting code, said display control code displays a message indicating that there is a change of the destination.

25 21. A medium according to claim 15, wherein said
printer driver program further comprises a name
designating code for designating a name of the print

data to be transmitted to said printing apparatus when
the mail box mode is selected by said setting code,
and said name is a name to be displayed on an
operation panel of said printing apparatus.

22. A printer driver program for forming print data
which can be interpreted by a printing apparatus in
accordance with document data formed by an application,
comprising:

a code for setting either a mail box mode to
accumulate the print data into said printing apparatus
without printing it or a printer output mode to
sequentially print the print data received by said
printing apparatus; and

a code for forming said print data by adding
information indicative of a destination in said
printing apparatus in accordance with said set output
mode.

23. A program according to claim 22, further
comprising:

a display control code for, in the case where a
mail-box-function of said printing apparatus cannot be
used, displaying so as to make it possible to identify
that a user interface to set the mail box mode by said
setting code cannot be used.

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and wherein said name is a name to be displayed on an operation panel of said printing apparatus.